

ABSTRACT

An organic sol is disclosed comprising titanium oxide particles; an organic liquid phase and at least an amphiphilic compound selected among polyethylene phosphate alkyl ethers. In a first embodiment, the method for preparing said sol mixes said amphiphilic compound and the organic liquid phase, and disperses the titanium oxide particles in the resulting mixture. In a second embodiment, the method forms a mixture of titanium oxide and at least said amphiphilic compound, then disperses said mixture in said liquid phase. A solid compound comprising a mixture of titanium oxide particles and at least an amphiphilic compound selected among these mentioned above is also disclosed.